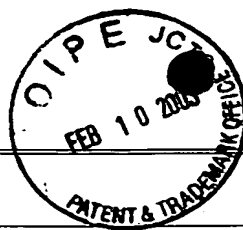




Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 201514US2PCT		SERIAL NO. 09/720,260	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yukihiko OKUMURA, et al.			
				FILING DATE February 26, 2001		GROUP 2661 2662	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
*	AO	9-298519	11/18/97	JAPAN			
	AP	11-196072	07/21/99	JAPAN			
	AQ						
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ	* NOT CONSIDERED. NO ENGLISH TRANSL.					
Examiner <i>DL</i> LEVITAN				Date Considered 04/12/04			
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

RECEIVED
APR 09 2001
Technology Center 2600

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
201514US2PCTSERIAL NO.
09/720,260

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yukihiko OKUMURA, et al.

FILING DATE

February 26, 2001

GROUP

2661 2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DL	AA	5,463,641	10/31/95	S. M. DORWARD, et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

RECEIVED

FEB 11 2003

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO	9-27799	01/28/97	JAPAN (with corr. US-5,463,644)		X
DL	AP	WO 98/51028	11/12/98	WIPO (with corr. JP 2000-514277)		
DL	AO	2000-514277	10/24/2000	JAPAN		X
DL	AR	9-298519	11/18/97	JAPAN (submitting English translation only)		
DL	AS	11-196072	07/21/99	JAPAN (submitting corr. EP 0 928 116 only)		
DL	AT	0 928 116	07/07/99	EUROPE		
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

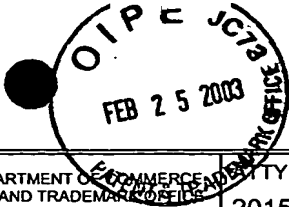
Examiner

D. LEVITAN

Date Considered

04/12/04

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Form PTO 1449
(Modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

PATENT DOCKET NO.

201514US2PCT

SERIAL NO.

09/720,260

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yukihiko OKUMURA, et al.

FILING DATE

February 26, 2001

GROUP

2661 2662

RECEIVED
FEB 26 2003
Technology Center 2600

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

PL	AW	FPLMTS Study Committee, Air-interface WG, SWG2, Document number: AIF/SWG2-17-13, Nokia, vol. 3, pages 1-8, "SERVICE MULTIPLEXING AND RATE MATCHING", August 4, 1998
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

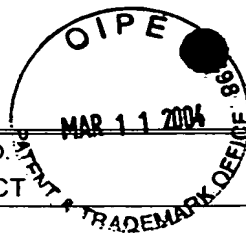
Examiner

D. LEVITAN

Date Considered

04/02/04

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
201514US90PCTSERIAL NO.
09/720,260

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Yukihiko OKUMURA, et al.

FILING DATE
February 26, 2001GROUP
2601 2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
DL	AA	5,745,582	04/28/1998	Y. SHIMPUKU, et. al,			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

RECEIVED

MAR 12 2004

Technology Center 2600

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION	
					YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

D. LEVITAN

Date Considered

04/12/04

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 201514US2PCT		SERIAL NO. 09/720,260	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> PTO SEP 05 2003 PATENT & TRADEMARK OFFICE </div> LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Yukihiko OKUMURA, et al.			
				FILING DATE February 26, 2001		GROUP 266T 2662	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AI	WO 98/47253	10/22/98	WIPO (with English Abstract)			X
	AJ	0 715 440	06/05/96	EUROPE			
	AK	WO 97/14235	04/17/97	WIPO			
	AL						
	AM						
	AN						
	AO						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AP	3GPP: TS 25. 212 Version 1. 0. 0, Internet Article, XP-002245691, pages 1-38, "3 rd GENERATION PARTNERSHIP PROJECT (3GPP); TECHNICAL SPECIFICATION GROUP (TSG); RADIO ACCESS NETWORK (RAN); WORKING GROUP 1 (WG1); MULTIPLEXING AND CHANNEL CODING (FDD)", April 1999					
	AQ	E. OKAMOTO, et al., Universal Personal Communications, XP-010315029, pages 921-924, "A PILOT SYMBOL ASSISTED COMPENSATION SCHEME OF FADING AND FREQUENCY OFFSET FOR 16QAM", October 5, 1998					
	AR	J. K. CAVERS, IEEE Transactions on Vehicular Technology, vol. 40, no. 4, XP-000278280, pages 686-693, "AN ANALYSIS OF PILOT SYMBOL ASSISTED MODULATION FOR RAYLEIGH FADING CHANNELS", November 1, 1991					
	AS	H. KONG, et al., IEEE Transactions on Vehicular Technology, vol. 47, no. 2, XP-002245847, pages 558-565, "ON CHANNEL ESTIMATION AND SEQUENCE DETECTION OF INTERLEAVED CODED SIGNALS OVER FREQUENCY NONSELECTIVE RAYLEIGH FADING CHANNELS", May 1998					
	AT	C. II BANG, et al., IEEE Transactions on Consumer Electronics, vol. 41, no. 4, XP-000553491, pages 1138-1141, "AN ANALYSIS OF PILOT SYMBOL ASSISTED 16 QAM IN THE RAYLEIGH FADING CHANNEL", November 1, 1995					
	AU	A. SHIBUTANI, et al., page 488, "MULTIPLE INTERLEAVING METHODS FOR THE W-CDMA SYSTEM", 1998 (with English translation)					
	AV						<input type="checkbox"/> Additional References sheet(s) attached
Examiner D. LEVITAN					Date Considered 04/12/04		

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.